

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A spacer take-up device in an apparatus for processing a film carrier tape for mounting an electronic component comprising:

a feeding device for feeding the film carrier tape for mounting the electronic component which is wound upon a reel through a spacer to a predetermined apparatus for processing the film carrier tape for mounting the electronic component; and

a spacer take-up device for winding the spacer fed out of the feeding device upon a reel,

wherein a feed driving shaft of the reel of the feeding device is coupled to a first driving motor; and

a take-up driving shaft of the spacer take-up device is coupled to a second motor through a clutch, and an amount of take-up of the spacer take-up device is set to be greater than that of the feeding device, thereby taking up the spacer at a constant ~~tension~~; tension;

wherein the clutch is always set in a slip state in such a manner that the second motor for the take-up driving shaft is always rotated at a higher speed than a predetermined speed, and the tension to be applied to the spacer is thus set within a predetermined tension.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) A spacer take-up method in an apparatus for processing a film carrier tape for mounting an electronic component comprising:

feeding the film carrier tape for mounting the electronic component which is wound upon a reel of a feeding device through a spacer to a predetermined apparatus for processing the film carrier tape for mounting the electronic component; and

winding the spacer fed out of the feeding device upon a reel of a spacer take-up device,

wherein a feed driving shaft of the reel of the feeding device is coupled to a first driving motor; and

a take-up driving shaft of the spacer take-up device is coupled to a second motor through a clutch, and an amount of take-up of the spacer take-up device is set to be greater than that of the feeding device, thereby taking up the spacer at a constant ~~tension~~; tension;

wherein the clutch is always set in a slip state in such a manner that the second motor for the take-up driving shaft is always rotated at a higher speed than a predetermined speed, and the tension to be applied to the spacer is thus set within a predetermined tension.

5. (Canceled)

6. (Canceled)

7. (Previously Presented) The spacer take-up method in the apparatus for processing a film carrier tape for mounting an electronic component according to claim 4, wherein the clutch is always set in a slip state in such a manner that the second motor for the take-up driving shaft is always rotated at a higher speed than a predetermined speed, and the tension to be applied to the spacer is thus set within a predetermined tension.

8. (Previously Presented) The spacer take-up device in the apparatus for processing a film carrier tape for mounting an electronic component according to claim 1, wherein the clutch is always set in a slip state in such a manner that the second motor for the take-up driving shaft is always rotated at a higher speed than a predetermined speed, and the tension to be applied to the spacer is thus set within a predetermined tension.

9. (Previously Presented) The spacer take-up device in the apparatus for processing a film carrier tape for mounting an electronic component according to claim 1, wherein the tension applied to the spacer by the clutch is from 50 to 5,000 gf.

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10. (Previously Presented) The spacer take-up method in the apparatus for processing a film carrier tape for mounting an electronic component according to claim 4, wherein the tension applied to the spacer by the clutch is from 50 to 5,000 gf.